Francis-Barnett
ELECTRIC

Owner Manual

FBST

SPECIAL
8 SPEED
EDITION

Classic Electric Bicycle

8 SPECIAL SPEED EDITION

Register your Francis-Barnett Electric Bicycle Warranty online at **batribike.com/warranty-registration**

FBST

BICYCLE SERIAL NUMBER:-

S/N | | | | | **C** | **S** | **T** | | | |

BATTERY SERIAL NUMBER:-

FW | | | | | |

PURCHASE DATE:-

	/		/	**20**	
DAY		MONTH			YEAR

DATATAG ID:-

Register your DATATAG online at **datatag.co.uk/cycle/validate.php**

DATATAG ETCH NUMBER:-

DEALER STAMP

IMPORTANT PLEASE READ THIS MANUAL FULLY BEFORE USE

For your safety and to ensure a long and trouble free life of your Francis-Barnett Electric bicycle, check the operation of brakes, lights, bell and gears, and check tyre pressures are correct.
Also check all fasteners, including quick release mechanisms, before every ride.

Thank you for purchasing a Francis-Barnett Electric Bicycle

With care and correct usage your bicycle
will give many years of service.

Important

PLEASE CHARGE THE BATTERY
BEFORE FIRST USING THE BICYCLE

Even though the battery indicator will show charge this cannot be relied upon until the battery has had the initial full charge.

PACKAGE CONTENTS

1 ELECTRIC BICYCLE
1 BATTERY with 2 Keys
1 BATTERY CHARGER with UK Mains Lead
1 MANUAL
1 WARRANTY CARD
1 DATATAG Registration Certificate

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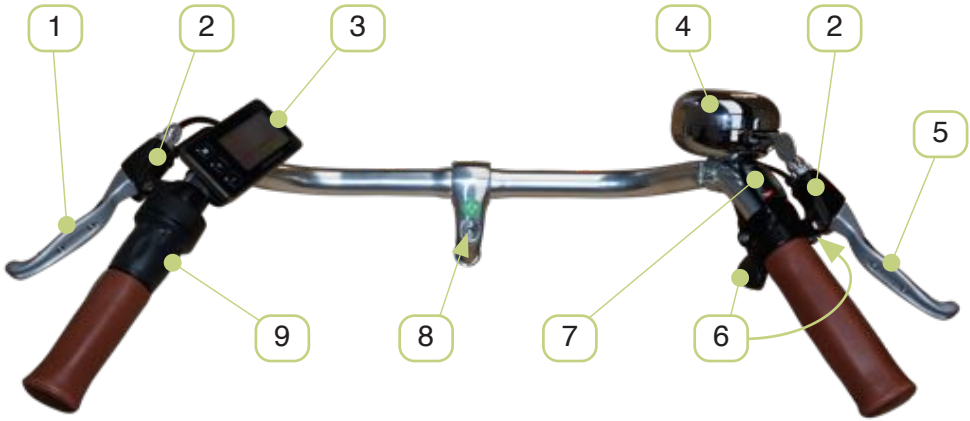


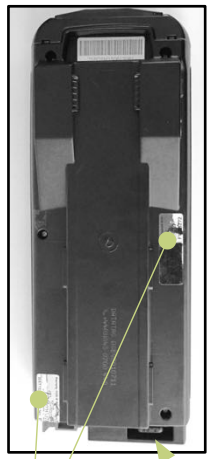
PARTS IDENTIFICATION

We continually strive to ensure that we provide you with the best possible products, therefore SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

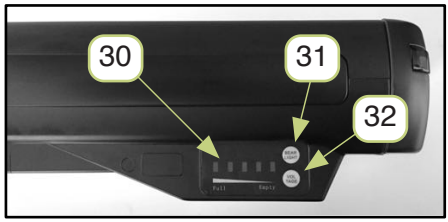
1	Rear Brake Lever	17	Battery Security Lock
2	Motor Cutout Switch	18	Battery
3	LCD (Display)	19	Rear LED Light
4	Bell	20	8 Spd Alfine Hub
5	Front Brake Lever	21	Rear Vee Brake
6	Gear Selector Levers	22	Rear Tyre 26 x 1.75
7	Gear Indicator	23	Side Stand
8	Handlebar Height Adjust	24	Front Hub Motor
9	Half-Grip Throttle	25	Front Tyre 26 x 1.75
10	Battery Serial Number	26	Front Vee Brake
11	Fuse 20A	27	Front LED Light
12	Front Rack	28	Battery Power Switch
13	Datatag Label	29	Charging Socket
14	Bicycle Serial Number	30	Battery Power Meter
15	Seat Height Adjuster	31	Rear Light Switch
16	Controller Box	32	Power Check Button

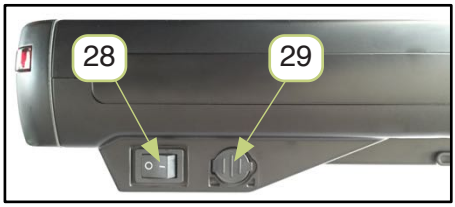
DISPLAY POWER SWITCH

UNDERSIDE VIEW OF BATTERY

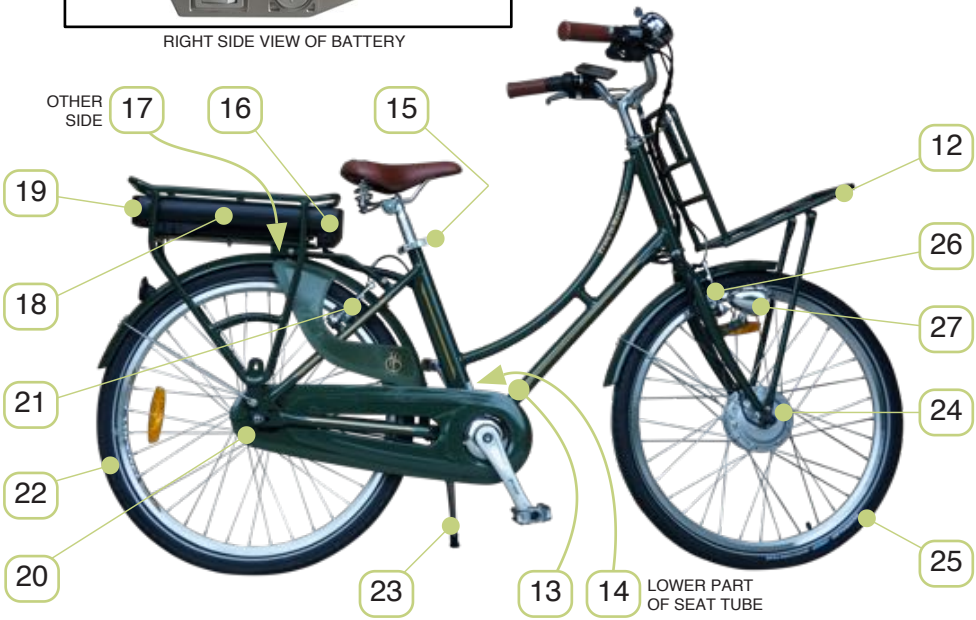


LEFT SIDE VIEW OF BATTERY





RIGHT SIDE VIEW OF BATTERY



BATTERY CARE & CHARGING

Your Francis-Barnett Electric Bicycle uses a Lithium battery for it's power and the following points will directly affect battery life and performance.

Storage

Batteries do not like to be stored in very hot or very cold conditions or to be subject to conditions of high moisture. They also do not like to be left in a fully discharged state. If Lithium batteries are left flat for an extended period they may no longer be functional.

- Store your battery between 15º C and 25º C in a dry area. (The conditions found in a normal domestic house).
- If your bicycle is not in use for an extended period it is imperative that you charge the battery before storage and then charge the battery once a month to prevent deterioration.

Charging

Lithium batteries do not like to be left discharged. It is good practice to recharge as soon as is reasonably possible after the battery goes flat. We recommend charging after every ride, that way your electric bike is always ready for your next outing.

- Do not charge at temperatures below 0º C
- Switch off the battery before charging, using switch located on the side of the battery.
- Battery can be charged on or off the bike.
- Always make sure the battery and charger are on a non-flammable, dry surface away from sources of heat, humidity and flammable materials.
- Do not cover the battery or charger whilst charging.
- Only use the charger supplied with your battery.
- Even if not in use recharge your battery a minimum of once a month.

For Your Safety

- Keep battery away from children
- Do not dismantle
- Do not pierce or crush
- Do not immerse in liquid
- Do not expose to temperatures over 60ºC
- Do not short circuit the battery connections
- Do not leave unattended whilst charging
- Do not sleep near a battery that is charging

Failure to adhere to these Battery Care instructions can allow the battery to deteriorate and may pose a serious risk of Fire

Removing the Battery

To remove the battery, switch off at the power switch underneath the rear of the battery and then unlock by turning the key anti-clockwise and holding there whilst sliding out the battery from the rear of the carrier. A handy inset finger grip is provided to make this easier.

Using the Charger

Two types of battery charger are used by Francis-Barnett. (Only one will be supplied). Both have a charge light which will display RED when charging and change to GREEN when the battery is charged.

The alternative type charger also has a second light which shows RED when mains power is applied.

- **Ensure the battery is switched off.**
- **Plug the charging lead into the battery.**

The charging lead plugs into the charging socket located beneath the cover on the side of the battery casing. It can only be inserted one way.

- **Plug the charger into the mains socket and switch on at the wall outlet.**
- **The lights on the charger will illuminate after a few seconds.**

When charging is complete the RED charge light will change to GREEN. May take up to 6 hrs for flat battery.

- **Once charged, switch off at the wall outlet and unplug.**
- **Disconnect the charging lead from the battery and replace the cover over the charging socket.**

The battery does not have to be completely discharged before it is recharged. The Lithium battery has no "memory" and therefore can be charged at any time. It is perfectly acceptable to recharge the battery after a short ride so that the battery is fully charged before the next ride.

IMPORTANT

Plug the charger into the battery before switching on at the mains.

Similarly, switch off at the mains before unplugging the charger from the battery.

DO NOT LEAVE PERMANENTLY CONNECTED

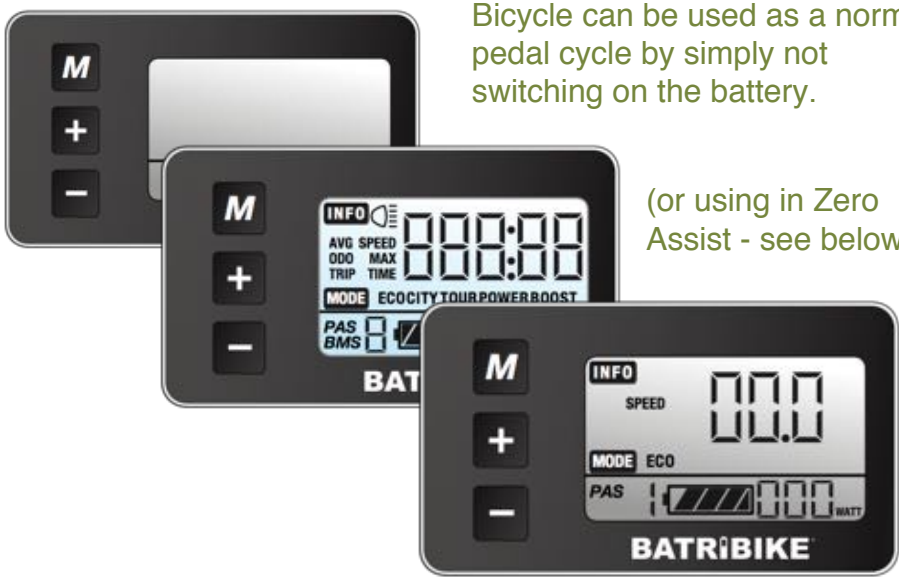
NOTE: If the battery is charged and the charger left switched on for an extended period the alternative type charger will enter a low power state, indicated by both the RED and ORANGE/ GREEN LEDs flashing slowly.

Switch off and unplug as above.

Usage

Your Francis-Barnett Electric Bicycle can be used as a normal pedal cycle by simply not switching on the battery.

(or using in Zero Assist - see below)



Display Information Areas

FUNCTION TYPE

CYCLE COMPUTER

ASSIST LEVEL

Buttons

MODE

UP

DOWN

DATA AREA /ASSIST LEVEL

BATTERY STATUS

POWER USAGE

Display Information Areas

ELECTRIC BICYCLE FUNCTIONS

Switching On

To use under electric power, switch on at the power switch on the side of the battery, then press the MODE button on the handlebar LCD display.

Control Buttons

By means of the three buttons, MODE, UP and DOWN, on the handlebar mounted display unit, the various functions of the power controller and Cycle Computer can be utilised.

See the following sections for details.

Switching Off

To turn off the LCD and the power to the bike, press and hold the MODE button for 2 seconds.

If the power is left on for an extended period and the bike is not used, then the power will automatically be turned off.

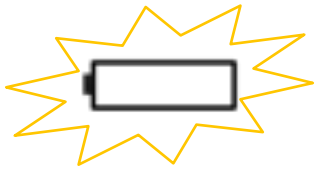
Battery Meter

The LCD shows the charge remaining in the battery in the lower right of the display. The indicators will gradually go out as the battery power is used up. Refer to the table below for details.

BATTERY METER DISPLAYS THE CHARGE REMAINING IN THE BATTERY

SYMBOL DISPLAYED	CHARGE REMAINING
	70 - 100%
	50 - 70%
	30 - 50%
	15 - 30%
	0 - 15%

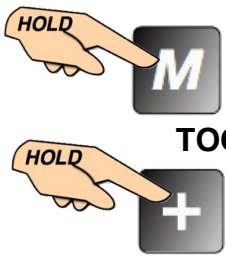
FLASHING



BATTERY IS EXHAUSTED AND SHOULD BE RECHARGED AS SOON AS POSSIBLE

Display Backlighting - Night Mode

The LCD has a backlight for night time use. This is switched on by pressing and holding the MODE and UP buttons together.



To turn the backlight off, again press and hold the MODE and UP buttons.

Note: This also operates the front LED light. (Where fitted)

Speed Display

The top right large digits will normally display the current speed of the bicycle. For the UK market this is set to show miles per hour (MPH). The display is accurate to about 10% when the wheel size is correctly calibrated and the tyre inflated as per the manufacturers recommendations.

Power Usage

During normal use the display will also show the amount of power (WATTS) being used by the motor.

This is shown in the lower right of the display.

Pedal Assistance

There are 5 levels of pedal assistance available from the motor. Using the UP and DOWN buttons you can select from Level 2 (ECO), to Level 6 (BOOST). The motor will then be activated upon pedalling. There is a rotation sensor located near the crank which senses when the pedals are being used.

PEDAL ASSISTANCE FROM THE MOTOR		
LEVEL	RANGE (up to)	EXAMPLE OF USAGE
PAS 6	28 miles BOOST	Provides maximum power when negotiating hills and head winds. Great when needing to simply get from A to B as fast as possible.
PAS 5	32 miles POWER	Great for commuting to work.
PAS 4	36 miles TOUR	Normal Use Mode. These are the levels to use for everyday cycling. Gives good performance whilst maximising usable range per charge. Best for Leisure Use.
PAS 3	45 miles CITY	Use these lower power levels when negotiating busy cycle paths and crowded areas. Also use when setting off and gradually increase through the levels for a smoother performance. Ideal for negotiating obstacles.
PAS 2	50 miles ECO	

Please remember that the above values are provided as a guide. Due to manufacturing tolerances the performance may vary.

Weather and terrain will affect the performance. In hilly areas, or when the bike is heavily loaded, there will be a significant increase in the power used from the battery and hence the range will decrease accordingly. A lightly loaded bike will achieve higher performance levels. (These results were obtained by test riders in optimal conditions - 75kg rider, level ground, no wind).

THROTTLE CONTROL OF THE MOTOR		
LEVEL	PERFORMANCE	EXAMPLE OF USAGE
PAS 1	Variable Power Delivery ECO	In this mode the power will be controlled by the throttle alone, (where fitted) and the pedal rotation sensor will be turned off. Great for everyday use when you want exercise, help is only a quick twist away.
The throttle is also available in pedal assist modes PAS 2 to PAS 6 to enable the user to override the power response to give a quick boost of power when required. Great for overtaking slower riders.		

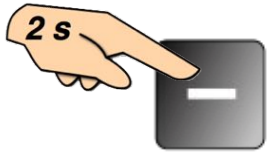
No Assistance - Normal Pedal Bicycle

PAS 0

If the assistance level is set to ZERO, then the motor will not be turned on. Your Francis-Barnett Electric Bicycle will now act and feel like a normal bicycle. This is useful when you are feeling fit at the start of a journey or using your bike for exercise purposes. Power is still only a button press away.

Assisted Walking Mode (PUS)

Your Francis-Barnett Electric Bicycle has a Walk Assist Mode. This is designed to propel the bike under power at a low speed of 6 km/h (4 MPH) and is ideal to help you when pushing the bike up steep hills. It is not designed for prolonged use or whilst riding.



THEN HOLD

PUS flashes whilst in Walk Assist mode.

BS EN15194 Compliance

The Francis-Barnett Electric range is compliant with BS EN15194.

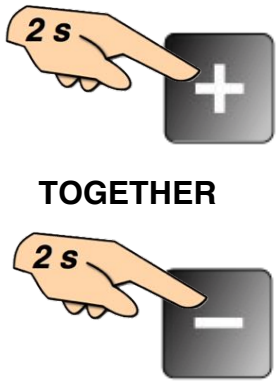
For the British market, the addition of a throttle control has rendered this not compliant in some countries.

- You are recommended to seek advice from the relevant authorities in the country you are visiting before travelling.

Programmable Functions

As delivered the Francis-Barnett Electric range is set up to use straight away in the most popular configuration, but there are a number of functions which can be tailored to suit the individual rider. These are user set as per the following sections.

User Settings



To enter the User Settings press and hold the UP (+) and DOWN (-) buttons together for 2 seconds.

Press the MODE (M) button to select the desired function and use the Up and DOWN buttons again to select the required value. A long press of the Mode button will activate the setting and return to normal bike display .

Three settings are available to the user:-

1. Backlight Level
2. Wheel Size
3. Speed Max

When in the settings mode the display will show SET in the bottom right of the display.

Use of these settings is explained on the following pages.

Backlight Contrast

The backlight of the display can be set to one of three values. level 3 is the brightest, level 2 medium and level 1 is the lowest setting. Adjust to suit for night time riding.

To change the level use the UP and DOWN buttons. The display will show the level at the top right of the display.

OR

When the desired level is reached, press the MODE button to accept and move to the next settings menu.

TO CONFIRM SETTING

The display will now change to the next settings mode

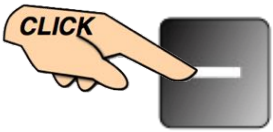
Wheel Size

This menu is for setting the size of the wheel and tyre combination so that the speed display is accurate.

The 26" x 1.75" tyres fitted to the Francis-Barnett Electric Bicycles as supplied require a setting of 26 in

Replacement tyres rarely require a change of setting.

OR



DEFAULT

FBST and FBCB models

TO CONFIRM SETTING

The display will now change to the next settings mode

Max Speed

There is a Max Speed setting available on the User Menus. This has no effect on the performance of the bike as **the system hardware has been internally set to cut off the motor assistance at 25 km/h and cannot be overridden.** The default setting is 25 to comply with UK and EU Electric Bike Regulations.

DEALER SETTINGS - **DO NOT ADJUST**

BATTERY DISPLAY VOLTAGE

If you see any of the screens shown on the right then you have inadvertantly entered a dealer configuration menu. You must not edit any of these settings as they will affect how your display shows battery levels, and changes may invalidate your warranty.

If you change any of the values by mistake, please ensure that they are set as shown.

To exit this menu, press and hold the MODE (M) key on the display.

To exit and return to normal display, press and hold the MODE (M) button.

TO EXIT SETTINGS

The changes you made in the three screens will be saved and the display will return to normal operating mode

THIS ACTION CAN BE PERFORMED FROM ANY OF THE SETTINGS SCREENS

TROUBLESHOOTING

Diagnostic Error Messages

The display can also show diagnostic information in the event of a malfunction.

If an error occurs the display will show a code as in the example shown. Make a note of the error number and turn off the bicycle power at both the LCD & the battery switch.

After 2 minutes turn on the power again. If the code re-occurs contact your dealer for assistance.

CYCLE COMPUTER

The Francis-Barnett Electric range has useful Cycle Computer functions built in. There is a built in sensor and pickup located in the rear hub which activates the speed and distance readings.

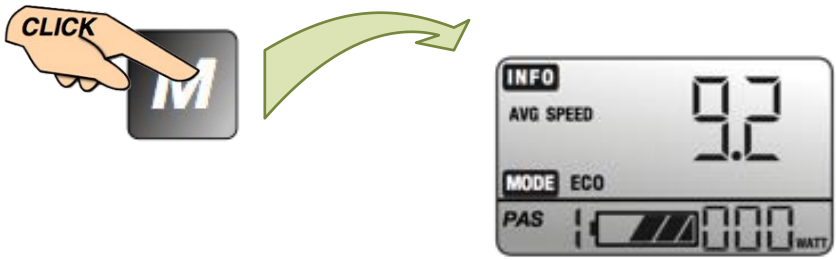
Initial Display (SPEED)

When first turned on the display shows the Speed (in MPH) in the top right.

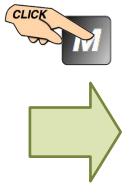
The assistance level (PAS) is set to the lowest level, (1 ECO).

Display Sequence

To change the display to show the Average Speed, simply press the MODE button. Repeat to show the other available functions as shown below. The display will eventually return to SPEED display.



Current Speed in MPH



Average Speed since last reset

Trip Time since last reset

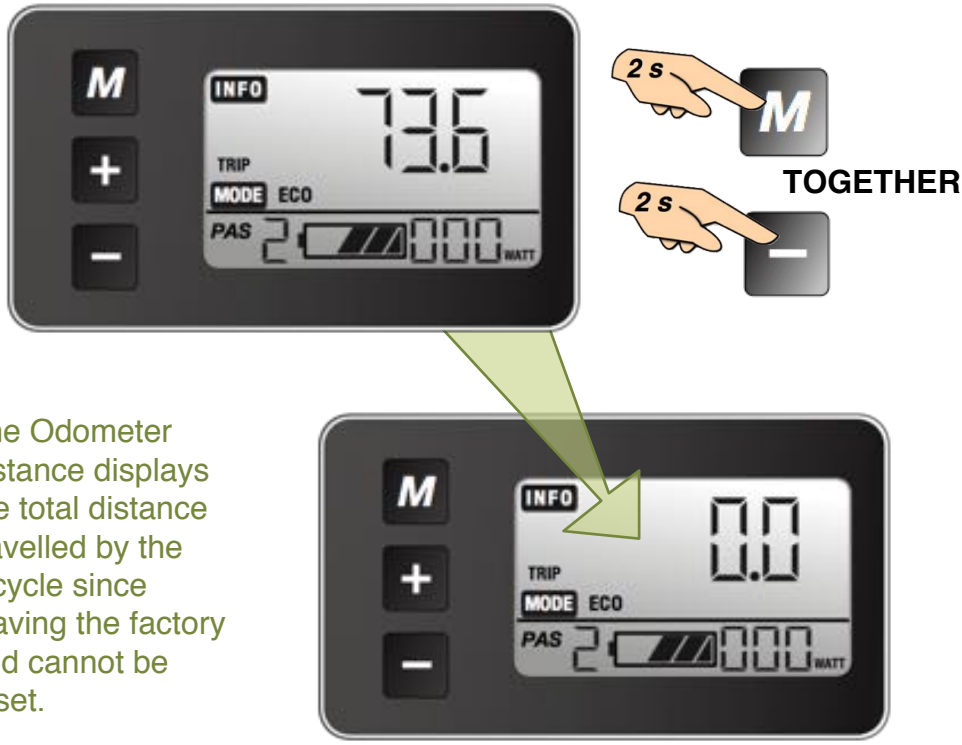
Maximum Speed since last reset

Trip Distance in Miles

Total Distance in Miles (Cannot be reset)

Resetting the Trip

To reset the TRIP Distance and Trip Time at the start of a journey, ensure that either TRIP or TRIP TIME is showing on the display and simply press and hold the MODE (M) and DOWN (-) buttons simultaneously, and hold for 2 seconds.
Average Speed and Maximum Speed reset automatically on power down.

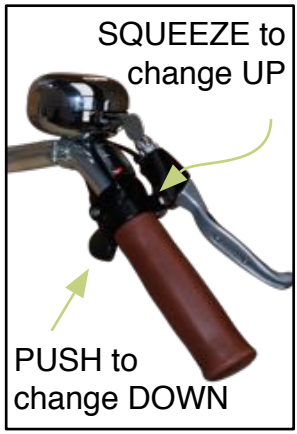


The Odometer distance displays the total distance travelled by the bicycle since leaving the factory and cannot be reset.

STANDARD BICYCLE FUNCTIONS

Gears

The Francis-Barnett **FBST Special Edition** is provided with 8 speed Shimano Alfine gears. To change gear you use the right handlebar mounted gear selector levers.



Gear number 1 is low for hills and rough terrain and gear 8 is high for normal road use. An indicator window shows the selected gear.

To increase the gear simply pull/squeeze the upper lever with your right index finger.
To decrease the gear push the lower lever away from you with your thumb.

You do not need to be pedalling as you change gears.

Braking

To stop, release the throttle and pull the brake levers.

Bell

A bell is provided and has been fitted to the right of the handlebars. This traditional styled bell has a large diameter for great audibility.

Side Stand

To put the bicycle on its stand:-

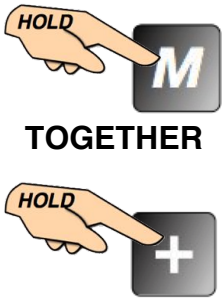
1) While holding the bicycle upright, push the stand downwards to its full extent.
2) Lean the bicycle over onto the stand.

Make sure bicycle is on solid ground.

Do not sit on the bicycle whilst the stand is down. It is designed to take the weight of the bicycle and not the additional weight of the rider.

Lights

Lights are provided on your Francis-Barnett Electric bicycle. These energy efficient LED units are powered from the main battery.



To turn on the front light, ensure that the power is on and press and hold the MODE and UP buttons together. The display backlight will also turn on.

To turn off the lights, press and hold the MODE and UP buttons again.

FRONT & REAR LIGHTS WITH BUILT IN REFLECTORS

The rear light is turned on by using the button on the left side of the battery.

A single press will turn on the rear light in steady mode. A second press will change to flashing mode and a third press will turn off the rear light. The battery power switch must be turned on.

Luggage Racks

The rear luggage rack provided is designed to carry a maximum load of 25kg. The front rack is designed to carry a maximum load of 10kg. Heavy loads on the front rack may affect steering and balance. The front rack may be removed if required. Make sure that any items carried are securely strapped and nothing is able to get caught in the wheels.

All other operation of your Francis-Barnett Electric bicycle is as per a normal pedal cycle.

Quick Release fittings for Seat Height Adjustment

With the locking lever in the loose position, tighten the nut until finger tight. The final tightening is done by moving the lever to the locked position.
To undo move the lever to the loose position to enable height adjustment.
Take care not to exceed the limit marked on the post.

LOOSE

LOCKED

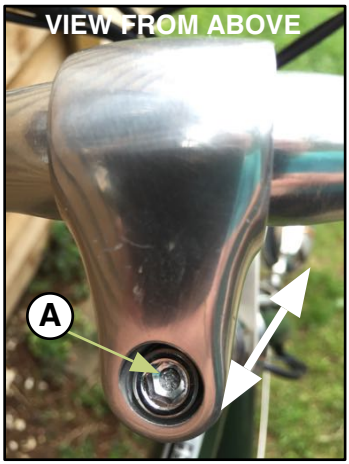
Adjusting the Handlebars

The handlebars can be adjusted for height and angle to suit the rider. Hex keys, (not supplied), will be required to carry out these adjustments.

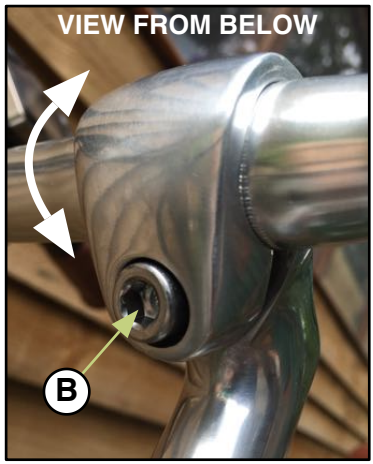
Adjust the height by loosening '**A**' and pulling the handlebar stem upwards. Take care not to exceed the limit marked on the stem.

Adjust the bar rotation angle by loosening '**B**' and gently moving the bars to the required angle.

HEIGHT ADJUSTMENT



ANGLE ADJUSTMENT



Ensure all bolts are secured properly after adjustment.

If in doubt, refer to your dealer.

Datatag is fitted as standard to your Francis-Barnett Electric bicycle

We believe that there are many advantages to having the system fitted. Our customers often worry about the possibility of theft and Datatag has a proven track record as a deterrent. There are other benefits too, including cheaper insurance as major insurers offer reduced premiums for Datatagged bikes.

How it Works

Datatag UV “Stealth” PRO Cycle System including Datadots®

The Datatag UV “Stealth” PRO Cycle System is ideal for Francis-Barnett Electric bicycles and is a Police Preferred Crime Prevention Product. The system protects your bicycle frame, forks and battery, plus the Datadots® are used to mark many of your electric and non-electric cycle components. The system includes the following state-of-the-art technology:

“Stealth” UV Etching

The system contains 3 UV “Stealth” Etches to permanently mark the frame, forks and battery.

The unique, almost invisible UV etching system, forms a major part of the risk deterrent and subsequent identification. These “stealth” UV etches don’t visibly mark your cycle paintwork!

Ultimate TE Label

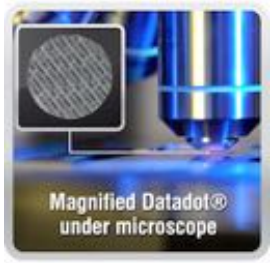
The specially designed Datatag tamper evident labels contain a unique cycle identification number and QR code.

They warn off any potential thieves and are both attractive and impossible to remove without damage.

A quick scan of the QR code displays the Make & Model of the bike but does not display any personal information. Police can obtain further information via their linked PNC systems.

Datadots®

A superior microdot identification system developed for ease of use. The Datadots® can be applied to any surface, and we have chosen strategic places on major components, thus making it virtually impossible for the criminals to locate and remove them all.



You must remember to register your Datatag as soon as possible, preferably within 48 hours of purchasing your bike.

Register your Datatag

Visit **www.datatag.co.uk/cycle** and look for the PRO Cycle System Registration button. If you do not have internet access, speak to your dealer for help with registration.

You will need the two codes printed on the Datatag Registration Certificate included with your bike. The Unique Cycle Visible ID Number, found on the label attached to your frame, and the Datatag Stealth Etch Code marked on the frame, forks and battery. (Only visible in UV light). You also need the bike Serial Number.

This is a separate registration system to our Batribike Warranty Registration.

MAINTAINANCE SCHEDULE

Maintaining your bicycle ensures you'll get the most out of every ride and out of the entire life of your Francis-Barnett Electric bicycle. How much of your bike's maintenance you can do yourself will depend on your knowledge, skill, experience and whether you have the necessary tools for the job.

Beyond this manual, it is good to consult your Francis-Barnett Electric bicycle dealer for advice if you are at all unsure about any of the procedures described. Normal maintenance is not covered under the warranty and this service may be chargeable.

Before every ride

- Mechanical safety checks, (see notes on page 2). Use a fully charged battery. Visual inspection for damage.

After every ride (or WEEKLY)

- Clean the bike, including chain rings and sprocket. Clean and lightly oil the chain and gears.
- This must be carried out after every ride in dusty, marine or winter conditions due to the salt laden atmosphere.

Every 20 - 30 hours of riding (or MONTHLY if sooner)

- Squeeze the brakes and rock the bike to check for any looseness of the headset or brake mechanisms with each forward or backward movement. If any are loose, have your dealer check it.
- Lift the front wheel and turn handlebars left and right to check for tightness of steering. If tightness is detected it may be necessary to lubricate bearings and/or adjust the headset.
- Check and adjust the brakes, replace if worn out.
- Squeeze spokes in adjoining pairs between your thumb and index finger.
  They all should have the same tension. Have your dealer re-spoke or true the wheel if necessary.
- Check cables for rust, kinks and fraying, have your dealer replace them if necessary.
- Check bottom bracket for play and adjust if necessary.
- Check wheel bearings for play and adjust/lubricate if necessary

After 3,000 miles (5,000 km) (or YEARLY if sooner)

- Hub motor and general inspection

We recommend you arrange to have a thorough inspection of your bicycle by a Francis-Barnett Electric bicycle dealer. This includes opening up the hub motor to inspect and lubricate the gears.

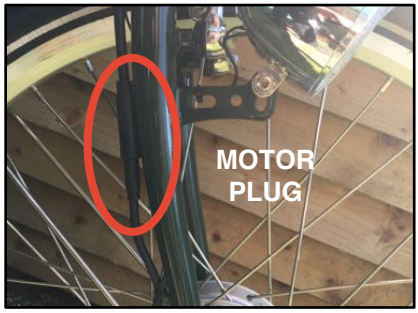
Tyre Pressures

The tyres should be pumped up to within the range stated on the sidewall. This should be regularly checked as running with the correct pressures will ensure maximum range from the battery.

Repairing a punctured tyre

If you have a punctured tyre, we recommend that you get a specialist to carry out the repairs. You can always of course consult a specialist and carry out the repairs on your own if you are confident that you have the necessary skills. As there are no electronic components on the rear wheel, its removal follows standard procedures as with normal bicycles.

Removing the Front Wheel



If you need to remove the front wheel, for example, to replace the front tyre, then the motor can be unplugged to aid disassembly. The plug is located on the right fork as shown, (Left).

Take care when re-assembling the plug to ensure that the two arrows are aligned correctly.

Remember to ensure that the cable is suitably secured to the bicycle frame upon re-assembly.

Be mindful of the assembly sequence of washers, nuts and spacers.

SPECIAL BATTERY FEATURES

Battery Fuse

If the battery will not operate or charge correctly, firstly switch off the battery and check the battery fuse (rated 20A) located on the underside of the battery beneath the pull off cover.

Battery Fuse

20A Blade Type (Automotive)

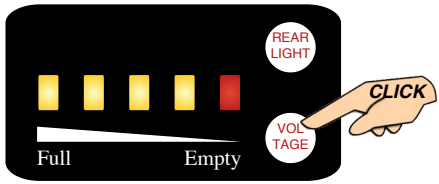
Yellow

Battery Meter

The battery has a useful meter located on the right side towards the rear. This is handy when the battery is not fitted to the bicycle as it gives an indication of resting charge level.

To operate the meter, press the "VOLTAGE" button and the LEDs will light to show an approximation of the remaining charge in the battery.

The Battery Switch, (located on the left side of the battery), must be switched to the ON position to operate the meter.



	70% to 100% Charged	Resting Charge Level is only an indication of power in the battery at rest. A more accurate indication is given on the handlebar mounted display when the bike is under load.
	50% to 70% Charged	
	30% to 50% Charged	
	Less than 30% Charged	
	Battery should be Charged as soon as possible	

Please consider the environment before disposing of any part of your Francis-Barnett Electric Bicycle.

The Battery Pack contains Lithium and Special Consideration should be given to its safe disposal. Your Local Authority should have the necessary facilities in place.

If you prefer you may take your original battery to BATRIBIKE for recycling.

Never dispose of batteries in a fire or subject to puncture or crushing.

WARRANTY CONDITIONS

The following warranty conditions are in addition to your legal rights.

Requirements for Warranty

As the makers, we guarantee against possible material or construction defects. Provided the following conditions are satisfied :

- Please retain your receipt as this is your proof of purchase and entitlement to Warranty. The guarantee starts on the date of purchase.
- Warranty is non transferable and applies only to the original owner.
- The Frame of your new Francis-Barnett Electric Bicycle is guaranteed for 3 years from date of purchase.
- The Motor and Electronics are guaranteed for 2 years from date of purchase.
- Other main cycle parts have a warranty of 1 year.
- The battery is covered for 1 year as standard. (Extension available).

Exclusions from Warranty

- When the bicycle is used negligently or results in accidental damage.
- Damage ascribed to normal wear and tear.
- Poor maintenance, or modifications that no longer complies with regulations or original technical specifications.
- Damage due to external causes.
- The bicycle is put up for hire.
- The battery pack is used incorrectly or tampered with. This also applies during charging.
- Compensatory costs arising from damages or accidents.
- Cost incurred by loss of the bicycle's usage.

Brake blocks/pads, tyres, lights and cables etc. are considered as consumables and replacements are available from BATRIBIKE or may be obtained from your local cycle shop.

In the event of a Warranty claim

- In the event of warranty repairs becoming necessary you should return your bicycle to your Authorised Francis-Barnett Electric Dealer, (where you originally purchased your bicycle).
- Original defective parts that are sent to the manufacturer for assessment will be replaced by the same or equal value part.
- Delivery and collection charges are not included. These are borne by the owner.
- Fallowgate Limited exclusively makes the decision whether or not the warranty applies.

Battery Warranty Terms & Conditions

1. Warranty is void if Warranty Label is removed or tampered with. **
2. Owner must ensure that battery is not left in a fully discharged state. **
3. Battery must only be charged with the charger supplied. **
4. Battery must be put on charge and charged fully at least once per calendar month, even if the bike is not used. **
5. Warranty is not transferrable.
6. In the unlikely event of a battery failure, the battery must be returned to Batribike for testing. If upon testing it is found that the above conditions have not been met then the warranty will not apply and the cost of replacement and carriage will be payable by the Customer. If the battery is found to be defective and the warranty conditions have been met, then a replacement will be provided and the remaining term of the original warranty will apply. (The replacement may be a new or refurbished battery at the discretion of Batribike.)

Warranty Upgrade Offer

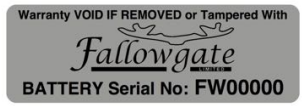
Register your bike for a free upgrade to 2 year battery warranty (Subject to Terms & Conditions).

Extended Battery Warranty Terms & Conditions

A free upgrade to a 2 year battery warranty is offered for purchasers registering their Francis-Barnett Electric bicycle. This is in addition to the standard warranty listed in the manual.

This offer is only valid if the Warranty Registration is completed and returned to BATRIBIKE within 28 days of purchase.

This offer applies to FW serial numbered batteries only. (Those bearing a pair of FW type warranty labels).



** Important Notice

Inside most of our batteries there is a data recorder built in to the battery management system (BMS). This data recorder, when coupled to our computer software system, records the following information:-

a) The total number of times the battery has been charged.
b) The maximum interval between charges (Days).
c) The number of days since the last charge.

This information will be used when deciding the validity of a warranty claim.

Frame Size	44.5 cm (17.5 inches)	Power Delivery	Pedal or Half-Grip Throttle **	Lights	Front - LED light powered by main battery
Frame Material	Aluminium Alloy	Sensor	Rotation Sensor		Rear - LED light powered by main battery
Colour	FB Green	Range (motor only)	up to 24 miles (level 1)	Saddle Height	81.5 - 96 cm (32 - 37.8")
Weight (inc. all fittings, rack, mudguards etc)	25.86 kg (57 lbs) including battery and optional front rack 23.12 kg (50.97 lbs) battery removed	Range (pedal assist)	up to 28 miles (level 6) up to 32 miles (level 5) up to 36 miles (level 4) up to 45 miles (level 3) up to 60 miles (level 2)	Overall Length	175 cm (68.9 inches)
				Overall Width	67 cm (26.4 inches)
				Overall Height	113 cm - 118 cm (Typ *) (44.5 - 46.5 inches)
Battery	Lithium (Samsung)	Gears	8 speed Shimano Alfine Hub Gears	Step-Thru Height	47 cm (18.5 inches)
Battery Power	36V 10.4Ah	Brakes	Powerful Vee Brakes Front and Rear	Wheelbase	107.5 cm (42.3 inches)
Battery Life	Refer to separate battery info available on website	Wheels	26" with puncture resist tyres	Max Rider Weight	130 kg (20 st 7 lbs)
Motor	250W front hub brushless	Forks	Colour matched forks with front lamp bracket	Security	Battery locks on to carrier with unique key. Datatag™ fitted as standard
Speed	Up to 15.5 mph (25 km/h)	Seat	Vintage style sprung saddle (Post ø27.2 mm)		
Power System	Cycle only or Multi-Mode Power Pedal assist multi-level power (5 pedal assist levels and 1 throttle level) Switchable throttle **	Front Rack	Colour matched front rack (10 kg max load)	Rider Protection	Mudguards and fully enclosed chainguard fitted as standard
		Rear Rack	Colour matched rear rack housing rattle free battery carrier (25 kg max load)	Note * Height varies due to handlebar stem height/rake adjustment Note ** Throttle fitment is Country Specific	
		Stand	Sturdy side stand		

(All distances quoted on flat ground with a 75 kg (12 stone) rider)

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Certificate of Compliance

No. 0G150414.FUQ38

Certificate's Holder:	FALLOWGATE LIMITED Kellaway House, Marton Road, Sturton-By-Stow, Lincoln, Ln1 2ah, UK
Manufacturer:	Wuxi United Mobility Technology INC No.21 South Industrial Park (Houzhai), Wuxi, China
Certification ECM Mark:	ENTE CERTIFICAZIONE MACCHINE – European Community – SAFETY COMPLIANCE MARK – Type Approved
Product: Model(s):	Electric Bicycle Batribike Storm and Oxygen MTBX, Batribike Classic CB, Batribike Classic ST
Verification to:	Standard: EN 15194:2009+A1:2011, EN 14764:2005 related to CE Directive(s): 2006/42/EC (Machinery) 2014/35/EU (Low Voltage) 2014/30/EU (Electromagnetic Compatibility)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Certification Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. Regulation can be found at www.entecerma.it.
Whereas the Manufacturer is responsible of the CE certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market.
The Manufacturer is also responsible to maintain efficient the internal production control to ensure the product(s) are in compliance with the Certification Mark.
This certificate can be checked for validity at www.entecerma.it

Date of issue 14 April 2015

Chief Manager
Tim Mahan

Expiry date 13 April 2020

Deputy Manager
Viola Miller

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www.batribike.com/francis-barnett-electric

Francis-Barnett Electric Bicycles are exclusive to:-

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Fallowgate are Members of the Bicycle Association of Great Britain